



ASC A-ET30 Three Single Phase to Three Phase Transformer Trainer is a very exclusive and important product designed for students of Electrical Engineering to explain the basic concepts of Three Single Phase to Three Transformer Trainer. with this trainer, students can learn about the significance of conduction of the heat run test with Three Single Phase to Three Transformer Trainer and correspondingly can determine the efficiency and voltage regulation. Additionally one can also learn the phenomenon of polarity.

The product helps the students to get fully acquainted with the basic concepts and functioning of the tests conducted on a single phase transformers.

Features

- Demonstrates connection of three single-phase transformers to form a three-phase system
- Enables conduction of heat run tests
- Helps determine efficiency and voltage regulation
- Facilitates polarity testing
- Useful for understanding basic transformer tests (open-circuit, short-circuit, etc.)
- Designed for Electrical Engineering students
- Enhances practical and theoretical knowledge
- Safe and user-friendly for lab use
- Promotes hands-on, interactive learning
- Ideal for teaching and training purposes

Learning's

- Perform Various Connections on 3 Phase Transformer
- Perform load test
- Three-phase transformer formation using single-phase units
- Conducting heat run tests
- Calculating transformer efficiency
- Measuring voltage regulation
- Performing polarity tests
- Understanding basic transformer tests (OC, SC, load test)
- Practical transformer wiring and connections
- Real-time observation of transformer behavior

Technical Specifications

Single Phase Transformers (3 nos.)

Rating : 1kVA

Digital Voltmeter and Ammeter (2nos each)

Digital AC Voltmeter : Rang is 500V (2NOS.)

Digital AC Ammeter : Rang is 10A

Mains supply 415V AC $\pm 10\%$, 50Hz

Accessories



3 Phase Auto Transformer



Mains Cord



Patch Cord



User Manual

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